



TFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Sung-jin KIM et al.

Art Unit: 2634

Serial No. 09/909,858

Examiner: S.C. Pathak

Filed: July 23, 2001

Confirmation No. 8771

For: TRANSMISSION ANTENNA DIVERSITY  
METHOD, AND BASE STATION  
APPARATUS AND MOBILE STATION  
APPARATUS THEREFOR IN MOBIL  
COMMUNICATION SYSTEM (To be  
amended)

Attorney Docket No. 249/271

AMENDMENT UNDER 37 C.F.R. § 1.111

Mail Stop Amendment  
Commissioner for Patents  
United States Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

INTRODUCTORY COMMENTS

In response to the Office action dated December 9, 2005, the following amendments and remarks are respectfully submitted in connection with the above-identified application:

**Amendments to the Title** begin on page 2 of this paper.

**Amendments to the Specification** being on page 3 of this paper.

**Amendments to the Claims** are reflected in a listing of claims, which begins on page 4 of this paper.

**Remarks** begin on page 9 of this paper.

**AMENDMENTS TO THE TITLE:**

Kindly amend the title as follows:

--CLOSED LOOP TRANSMIT DIVERSITY METHOD AND APPARATUS USING  
COMPLEX BASIS VECTOR SETS FOR ANTENNA SELECTION--